

Welcome to STN International! Enter x:x

LOGINID: ssspta1653rxt

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!  
NEWS 4 OCT 28 KOREPAT now available on STN  
NEWS 5 NOV 30 PHAR reloaded with additional data  
NEWS 6 DEC 01 LISA now available on STN  
NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004  
NEWS 8 DEC 15 MEDLINE update schedule for December 2004  
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness alerts (SDIs) affected  
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness alerts (SDIs) affected  
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness alerts (SDIs) affected  
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness alerts (SDIs) affected  
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB  
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN  
NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED  
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and February 2005  
NEWS 17 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks (ROSPATENT) added to list of core patent offices covered  
NEWS 18 FEB 10 STN Patent Forums to be held in March 2005  
NEWS 19 FEB 16 STN User Update to be held in conjunction with the 229th ACS National Meeting on March 13, 2005  
NEWS 20 FEB 28 PATDPAFULL - New display fields provide for legal status data from INPADOC  
NEWS 21 FEB 28 BABS - Current-awareness alerts (SDIs) available  
NEWS 22 FEB 28 MEDLINE/LMEDLINE reloaded  
NEWS 23 MAR 02 GBFULL: New full-text patent database on STN  
NEWS 24 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced  
NEWS 25 MAR 03 MEDLINE file segment of TOXCENTER reloaded  
  
NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may

result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 10:05:42 ON 04 MAR 2005

FILE 'MEDLINE' ENTERED AT 10:05:57 ON 04 MAR 2005

FILE 'BIOSIS' ENTERED AT 10:05:57 ON 04 MAR 2005  
Copyright (c) 2005 The Thomson Corporation

FILE 'CAPLUS' ENTERED AT 10:05:57 ON 04 MAR 2005  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

```
=> s defensin###  
L1      5433 DEFENSIN###
```

=> s 11 and (CD14 or soluble CD14 or bovine CD14)  
L2 50 L1 AND (CD14 OR SOLUBLE CD14 OR BOVINE CD14)

=> s 12 and (epithelial### or epithelial cell###)  
L3 23 L2 AND (EPITHELIAL### OR EPITHELIAL CELL###)

=>

=>

=> s 13 and (bovine### or bovine milk)  
L4 1 L3 AND (BOVINE### OR BOVINE MILK)

```
=> dup rem 13
PROCESSING COMPLETED FOR L3
L5          12 DUP REM L3 (11 DUPLICATES REMOVED)
```

=> d 15 1-12

L5 ANSWER 1 OF 12 MEDLINE on STN DUPLICATE 1  
AN 2004342289 MEDLINE  
DN PubMed ID: 15121639  
TI Endotoxin responsiveness of human airway epithelia is limited by low expression of MD-2.  
AU Jia Hong Peng; Kline Joel N; Penisten Andrea; Apicella Michael A; Gioannini Theresa L; Weiss Jerryold; McCray Paul B Jr  
CS Department of Pediatrics, Carver College of Medicine, University of Iowa, Iowa City, IA 52242, USA.  
NC AI-24616 (NIAID)  
AI-44642 (NIAID)  
AI-65298 (NIAID)  
ES-005605 (NIEHS)  
HL-59324 (NHLBI)  
HL-62134 (NHLBI)  
P30 DK-54759 (NIDDK)  
SO American journal of physiology. Lung cellular and molecular physiology, (2004 Aug) 287 (2) L428-37. Electronic Publication: 2004-04-30.  
Journal code: 100901229. ISSN: 1040-0605.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200408  
ED Entered STN: 20040713

Last Updated on STN: 20040818  
Entered Medline: 20040817

L5 ANSWER 2 OF 12 MEDLINE on STN DUPLICATE 2  
AN 2003164783 MEDLINE  
DN PubMed ID: 12682256  
TI Modulation of human beta-**defensin-2** transcription in pulmonary  
epithelial cells by lipopolysaccharide-stimulated  
mononuclear phagocytes via proinflammatory cytokine production.  
AU Tsutsumi-Ishii Yuko; Nagaoka Isao  
CS Department of Biochemistry, Juntendo University, School of Medicine,  
Tokyo, Japan.  
SO Journal of immunology (Baltimore, Md. : 1950), (2003 Apr 15) 170 (8)  
4226-36.  
Journal code: 2985117R. ISSN: 0022-1767.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 200307  
ED Entered STN: 20030409  
Last Updated on STN: 20030801  
Entered Medline: 20030731

L5 ANSWER 3 OF 12 MEDLINE on STN DUPLICATE 3  
AN 2004512663 MEDLINE  
DN PubMed ID: 15482156  
TI Host response to Neisseria meningitidis lacking lipopolysaccharides.  
AU Brandtzaeg Petter  
CS Department of Pediatrics, Ulleval University Hospital, University of Oslo,  
N-0407 Oslo, Norway.. petter.brandtzag@ioks.uio.no  
SO Expert Rev Anti Infect Ther, (2003 Dec) 1 (4) 589-96. Ref: 27  
Journal code: 101181284. ISSN: 1478-7210.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 200410  
ED Entered STN: 20041015  
Last Updated on STN: 20041029  
Entered Medline: 20041028

L5 ANSWER 4 OF 12 MEDLINE on STN DUPLICATE 4  
AN 2002469408 MEDLINE  
DN PubMed ID: 12204946  
TI Augmentation of the lipopolysaccharide-neutralizing activities of human  
cathelicidin CAP18/LL-37-derived antimicrobial peptides by replacement  
with hydrophobic and cationic amino acid residues.  
AU Nagaoka Isao; Hirota Satoko; Niyonsaba Francois; Hirata Michimasa; Adachi  
Yoshiyuki; Tamura Hiroshi; Tanaka Shigenori; Heumann Didier  
CS Department of Biochemistry, Juntendo University School of Medicine, Tokyo,  
Japan.. nagaoki@med.juntendo.ac.jp  
SO Clinical and diagnostic laboratory immunology, (2002 Sep) 9 (5) 972-82.  
Journal code: 9421292. ISSN: 1071-412X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200302  
ED Entered STN: 20020917  
Last Updated on STN: 20030212  
Entered Medline: 20030211

L5 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2002:448475 CAPLUS  
DN 137:350890

TI LPS-neutralizing activities of cathelicidin family of antibacterial polypeptides LL-37 and CAP 11  
AU Nagaoka, Isao; Hirota, Satoko; Niyonsaba, Francois; Tamura, Hiroshi; Tanaka, Shigenori; Hirata, Michimasa  
CS Dep. Biochem., Juntendo Univ. Sch. Med., Japan  
SO Ensho, Saisei (2002), 22(2), 131-138  
CODEN: ENSHCC  
PB Nippon Ensho-Saisei Igakkai  
DT Journal; General Review  
LA Japanese

L5 ANSWER 6 OF 12 MEDLINE on STN DUPLICATE 5  
AN 2001507857 MEDLINE  
DN PubMed ID: 11544322  
TI Cathelicidin family of antibacterial peptides CAP18 and CAP11 inhibit the expression of TNF-alpha by blocking the binding of LPS to **CD14** (+) cells.  
AU Nagaoka I; Hirota S; Niyonsaba F; Hirata M; Adachi Y; Tamura H; Heumann D  
CS Department of Biochemistry, Juntendo University School of Medicine, Tokyo, Japan.. nagaokai@med.juntendo.ac.jp  
SO Journal of immunology (Baltimore, Md. : 1950), (2001 Sep 15) 167 (6) 3329-38.  
Journal code: 2985117R. ISSN: 0022-1767.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 200112  
ED Entered STN: 20010917  
Last Updated on STN: 20020122  
Entered Medline: 20011212

L5 ANSWER 7 OF 12 MEDLINE on STN  
AN 2001479954 MEDLINE  
DN PubMed ID: 11523142  
TI **Defensins** as a mechanism of host defense and innate immunity.  
AU Tomita T; Nagase T  
CS Department of Geriatric Medicine, Faculty of Medicine, University of Tokyo.  
SO Nippon Ronen Igakkai zasshi. Japanese journal of geriatrics, (2001 Jul) 38 (4) 440-3.  
Journal code: 7507332. ISSN: 0300-9173.  
CY Japan  
DT Journal; Article; (JOURNAL ARTICLE)  
LA Japanese  
FS Priority Journals  
EM 200110  
ED Entered STN: 20010830  
Last Updated on STN: 20011022  
Entered Medline: 20011018

L5 ANSWER 8 OF 12 MEDLINE on STN DUPLICATE 6  
AN 2002065752 MEDLINE  
DN PubMed ID: 11793193  
TI Expression of inflammatory cytokines and beta-**defensin** 1 mRNAs in porcine **epithelial** rests of Malassez in vitro.  
AU Liu F; Abiko Y; Nishimura M; Kusano K; Shi S; Kaku T  
CS Department of Oral Pathology, School of Dentistry, Health Sciences University of Hokkaido, 1757 Kanazawa, Ishikari-Tobetsu, Hokkaido 061-0293, Japan.. yoshi-ab@hoku-iryu-u.ac.jp  
SO Medical electron microscopy : official journal of the Clinical Electron Microscopy Society of Japan, (2001 Sep) 34 (3) 174-8.  
Journal code: 9430789. ISSN: 0918-4287.  
CY Japan  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200202

ED Entered STN: 20020125  
 Last Updated on STN: 20020222  
 Entered Medline: 20020221

L5 ANSWER 9 OF 12 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
 AN 2002:176415 BIOSIS  
 DN PREV200200176415  
 TI Regulation of beta-**defensin** gene expression in bovine airway epithelium.  
 AU Legarda, D. [Reprint author]; Yuk, M. H.; Diamond, G.  
 CS Graduate School of Biomedical Sciences, Dept. of Anatomy, UMDNJ - New Jersey Medical School, Newark, NJ, USA  
 SO Abstracts of the General Meeting of the American Society for Microbiology, (2001) Vol. 101, pp. 72. print.  
 Meeting Info.: 101st General Meeting of the American Society for Microbiology. Orlando, FL, USA. May 20-24, 2001. American Society for Microbiology.  
 ISSN: 1060-2011.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 6 Mar 2002  
 Last Updated on STN: 6 Mar 2002

L5 ANSWER 10 OF 12 MEDLINE on STN DUPLICATE 7  
 AN 2001021388 MEDLINE  
 DN PubMed ID: 10882713  
 TI **CD14**-dependent lipopolysaccharide-induced beta-**defensin**-2 expression in human tracheobronchial epithelium.  
 AU Becker M N; Diamond G; Verghese M W; Randell S H  
 CS Cystic Fibrosis/Pulmonary Research and Treatment Center, Department of Medicine, University of North Carolina School of Medicine, Chapel Hill, North Carolina 27599, USA.  
 NC HL53400 (NHLBI)  
 SO Journal of biological chemistry, (2000 Sep 22) 275 (38) 29731-6.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200011  
 ED Entered STN: 20010322  
 Last Updated on STN: 20010322  
 Entered Medline: 20001103

L5 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 1999:764063 CAPLUS  
 DN 132:9017  
 TI Therapeutic induction of antibiotic proteins in the treatment of sepsis with derivatives of lactation-associated immunotrophic protein and **soluble CD14**  
 IN Julius, Michael H.; Filipp, Dominik  
 PA Gemma Biotechnology Ltd., Can.  
 SO PCT Int. Appl., 61 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	-----	-----	-----	-----
PI WO 9961468	A2	19991202	WO 1999-CA482	19990527
WO 9961468	A3	20000406		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
CA 2328134 AA 19991202 CA 1999-2328134 19990527  
AU 9940258 A1 19991213 AU 1999-40258 19990527  
AU 771448 B2 20040325  
BR 9910725 A 20010130 BR 1999-10725 19990527  
EP 1080111 A2 20010307 EP 1999-923333 19990527  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI  
JP 2002516339 T2 20020604 JP 2000-550872 19990527  
US 2004259795 A1 20041223 US 2004-891105 20040715  
PRAI US 1998-86884P P 19980527  
WO 1999-CA482 W 19990527  
US 2000-721904 A1 20001127

L5 ANSWER 12 OF 12 MEDLINE on STN  
AN 96209874 MEDLINE  
DN PubMed ID: 8643545  
TI Inducible expression of an antibiotic peptide gene in lipopolysaccharide-challenged tracheal **epithelial cells**.  
AU Diamond G; Russell J P; Bevins C L  
CS Division of Genetics and Molecular Biology, The Children's Hospital of Philadelphia, PA 19104, USA.  
NC AI32234 (NIAID)  
AI32738 (NIAID)  
HL53400 (NHLBI)  
SO Proceedings of the National Academy of Sciences of the United States of America, (1996 May 14) 93 (10) 5156-60.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-U48356  
EM 199607  
ED Entered STN: 19960726  
Last Updated on STN: 19960726  
Entered Medline: 19960718

**WEST Search History**

09/721, 904

**Hide Items** **Restore** **Clear** **Cancel**

DATE: Friday, March 04, 2005

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L7	L6 and (sepsis\$3)	21
<input type="checkbox"/>	L6	L5 and (respirator\$3 or aerosol\$3)	104
<input type="checkbox"/>	L5	L4 and (bovine\$3 or bovine milk)	108
<input type="checkbox"/>	L4	L3 and (epithelial\$3 or epithelial cell\$3)	124
<input type="checkbox"/>	L3	L2 and (CD14 or soluble CD14 or bovine CD14)	155
<input type="checkbox"/>	L2	defensin\$4	1474

END OF SEARCH HISTORY